

Appl. No. 09/751,334
Amdt. Dated 06/28/2004
Reply to Office Action of 5/28/2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Cancelled).
- 1 2. (Cancelled).
- 1 3. (Cancelled).
- 1 4. (Cancelled).
- 1 5. (Cancelled).
- 1 6. (Cancelled).
- 1 7. (Cancelled).
- 1 8. (Cancelled).
- 1 9. (Cancelled).
- 1 10. (Cancelled).
- 1 11. (Cancelled).
- 1 12. (Cancelled).
- 1 13. (Cancelled).
- 1 14. (Cancelled).
- 1 15. (Cancelled).

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1 16. (Cancelled).

1 17. (Original) In a wireless network system comprising a wired backbone
2 network, an access point, and one or more associated wireless unit data coupled to the
3 access point by way of a wireless transmission medium, a method of enabling request
4 to send (RTS) and clear to send (CTS) data transmission in said one or more wireless
5 units, comprising transmitting a message to said one or more wireless unit having a
6 first control data that causes said one or more wireless units to implement RTS/CTS in
7 transmitting data packets to said access point.

1 18. (Original) The method of claim 17, wherein said message comprises a
2 multicast data packet intended for said one or more associated wireless units.

1 19. (Original) The method of claim 17, wherein said message further
2 includes a second control data that causes said one or more wireless units to implement
3 fragmentation threshold in transmitting data packets to said access point.

1 20. (Original) The method of claim 19, wherein said message further
2 includes a specified fragmentation threshold to be used by said one or more wireless
3 units.

1 21. (Original) An access point having a logic circuit to transmit a message
2 to one or more associated wireless unit, wherein said message includes a first control
3 data that causes said one or more associated wireless units to implement RTS/CTS in
4 transmitting data packets to said access point.

1 22. (Original) The access point of claim 21, wherein said message
2 comprises a multicast data packet intended for said one or more associated wireless
3 units.

1 23. (Original) The access point of claim 21, wherein said message further
2 includes a second control data that causes said one or more wireless units to implement
3 fragmentation threshold in transmitting data packets to said access point.

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1 24. (Original) The access point of claim 23, wherein said message further
2 includes a specified fragmentation threshold to be used by said one or more wireless
3 units.

1 25. (Original) A machine readable medium including a software routine to
2 control a logic circuit to transmit a message to one or more associated wireless unit,
3 wherein said message includes a first control data that causes said logic circuit to
4 implement RTS/CTS in transmitting data packets to said access point.

1 26. (Original) The machine readable medium of claim 25, wherein said
2 message comprises a multicast data packet intended for said one or more associated
3 wireless units.

1 27. (Original) The machine readable medium of claim 25, wherein said
2 message further includes a second control data that causes said one or more wireless
3 units to implement fragmentation threshold in transmitting data packets to said access
4 point.

1 28. (Original) The machine readable medium of claim 27, wherein said
2 message further includes a specified fragmentation threshold to be used by said one or
3 more wireless units.

1 29. (Currently Amended) A wireless unit, comprising:
2 a wireless transceiver to communicate with an access point via a
3 wireless transmission medium; and
4 a logic circuit to receive a message from said access point by way of
5 said wireless transceiver, wherein said message includes a first control data that causes
6 said one or more associated wireless units use request to send (RTS) and clear to send
7 (~~CH~~TS) in the transmission of data to said access point.

1 30. (Original) The wireless unit of claim 29, wherein said message
2 comprises a multicast data packet.

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1 31. (Original) The wireless unit of claim 29, wherein said message further
2 includes a second control data that causes said logic circuit to implement fragmentation
3 threshold in transmitting data packets to said access point.

1 32. (Currently Amended) The wireless unit of claim 31, wherein said
2 message further includes a specified fragmentation threshold to be used by said logic
3 circuit in implementing fragmentation threshold.,

1 33. (New) A wireless unit, comprising:
2 a wireless transceiver adapted for communication with an access point; and
3 a logic circuit coupled to the wireless transceiver, the logic circuit to receive a
4 message from said access point via said wireless transceiver, said message includes a
5 first control data that prompts request to send and clear to send (RTS/CTS)
6 transmissions with said access point.

1 34. (New) The wireless unit of claim 33, wherein said message comprises a
2 multicast data packet.

1 35. (New) The wireless unit of claim 33, wherein said RTS/CTS
2 transmissions include a transmission of a RTS packet prior to sending a data packet to
3 the access point.

1 36. (New) The wireless unit of claim 35, wherein said RTS/CTS
2 transmissions further include receipt of a CTS packet from the access point in response
3 to prior transmission of the RTS packet.

1 37. (New) The wireless unit of claim 36, wherein said logic circuit further
2 transmits the data packet if the CTS packet is received within a predetermined time
3 interval from the transmission of the RTS packet.

1 38. (New) The wireless unit of claim 36, wherein said logic circuit further
2 transmits a second RTS packet if the CTS packet is not received within the
3 predetermined time interval from the transmission of the RTS packet.

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1 39. (New) The wireless unit of claim 33, wherein said message further
2 includes a second control data that causes said logic circuit to implement a
3 fragmentation threshold in transmitting data packets to said access point.

1 40. (New) The wireless unit of claim 33, wherein said message further
2 includes a specified fragmentation threshold to be used by said logic circuit in
3 implementing fragmentation threshold.

1 41. (New) An access point having a logic circuit to transmit a message to
2 one or more associated wireless unit, said message includes a first control data that
3 causes said one or more associated wireless units to implement a fragmentation
4 threshold in transmitting data packets to said access point and a second control data that
5 causes said one or more wireless units to use request to send (RTS) and clear to send
6 (CTS) in the transmission of data to said access point.

1 42. (New) The access point of claim 41, wherein said message is a multicast
2 data packet intended for said one or more wireless units.

1 43. (New) The access point of claim 41, wherein said message further
2 includes a specified fragmentation threshold to be used by said one or more wireless
3 units.

1 44. (New) A machine readable medium including a software routine
2 executed to control a logic circuit to transmit a message to one or more associated
3 wireless unit, said message includes a first control data that causes said one or more
4 associated wireless units to use request to send (RTS) and clear to send (CTS) in the
5 transmission of data to an access point.

1 45. (New) The machine readable medium of claim 44, wherein said message
2 further includes a second control data that causes said one or more associated wireless
3 units to implement fragmentation threshold in transmitting data packets to said access
4 point.

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- 1 46. (New) The machine readable medium of claim 45, wherein said message
- 2 further includes a specified fragmentation threshold to be used by said one or more
- 3 associated wireless units.